

## UNCLASSIFIED

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)								DATE <b>February 2002</b>	
BUDGET ACTIVITY <b>07 - Operational System Development</b>				PE NUMBER AND TITLE <b>1001018F NATO AGS</b>				PROJECT <b>0002</b>	
COST (\$ in Thousands)	FY 2001 Actual	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	Cost to Complete	Total Cost
0002     NATO JSTARS	4,640	0	0	0	0	0	0	Continuing	TBD
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	TBD

(U) **A. Mission Description**  
The NATO Staff Requirement (NSR) for an Alliance Ground Surveillance (AGS) System, Oct 97, states the requirement for a NATO owned and operated capability to '...detect, locate, recognize and track specified activities on and near the surface and disseminate related data in timely manner, and thereby contribute to the successful accomplishment of the NATO military operations....' In Nov 97 the NATO Conference of National Armaments Directors (CNAD) rejected a US 'fast track' offer of the US JSTARS system to meet the AGS requirement, and directed the AGS Provisional Project Structure (PPS) to look at fresh options to satisfy the requirement. In Dec 97 the US offered the JSTARS Radar Technology Insertion Program (RTIP) advanced sensor on a platform of NATO's choice. In Apr 98 the CNAD endorsed the PPS recommendation for conducting a one year Concept Definition Study (CDS) led by the Provisional Project Office (PPO). The US led the airborne portion of the CDS and presented a study based on the US RTIP advanced sensor system. In May 99 the CNAD authorized entrance into a 2-year, RTIP-based, project definition phase for interested nations, based on a proposal by Norway. This project definition effort was named the NATO Trans Atlantic Advanced Radar (NATAR) project and was formally designated a NATO Project. Participating nations are: US, Canada, Norway, Denmark, Luxembourg and Belgium. In Aug 99 USD/AT&L directed the Air Force to be lead service, with support of the Army, in carrying out overall US participation in this project and to be specifically responsible for the Air Segment. The Air Force's most significant contribution to NATAR is through participation in a Project Definition Office (PDO) in Brussels, BE. After signature of the multi-national MOU in Oct 00, the PDO began its two-year effort to prepare an international agreement, a program charter, and a request for proposal for a fully integrated and interoperable NATO owned and operated airborne ground surveillance system. FY01 funds will support both U.S. unique efforts to support the program as well as a NATO Call for Funds to support the multi-national PDO, for efforts through FY02. On 18 Sep 01, NATO Secretary General Lord Robertson convened a Reinforced North Atlantic Council to determine a way forward for NATO AGS. As an outcome of this high-level council, the AGS Steering Committee was directed to establish an Enhanced Staff Support (ESS) organization to define a consensus AGS solution. The USAF has not requested funds for FY02 or FY03 pending a NATO program decision..

(U) **FY 2001 (\$ in Thousands)**  
(U) \$4,640                      Project Definition Office (PDO) support and support for NATO interoperability studies and efforts  
(U) \$4,640                      Total

Project 0002

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<p>(U) <b><u>A. Mission Description Continued</u></b></p> <p>(U) <u>FY 2002 (\$ in Thousands)</u></p> <p>(U) \$0                      No Activity</p> <p>(U) \$0                      Total</p> <p>(U) <u>FY 2003 (\$ in Thousands)</u></p> <p>(U) \$0                      No Activity</p> <p>(U) \$0                      Total</p> <p>(U) <b><u>B. Budget Activity Justification</u></b></p> <p style="padding-left: 20px;">This program is in Budget Activity 7, Operational System Development because it involves the modification of radar sensor technology currently fielded.</p> <p>(U) <b><u>C. Program Change Summary (\$ in Thousands)</u></b></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 55%;"></th> <th style="text-align: right; width: 10%;"><u>FY 2001</u></th> <th style="text-align: right; width: 10%;"><u>FY 2002</u></th> <th style="text-align: right; width: 10%;"><u>FY 2003</u></th> <th style="text-align: right; width: 15%;"><u>Total Cost</u></th> </tr> </thead> <tbody> <tr> <td>(U) Previous President's Budget</td> <td style="text-align: right;">3,270</td> <td></td> <td></td> <td style="text-align: right;">TBD</td> </tr> <tr> <td>(U) Appropriated Value</td> <td style="text-align: right;">3,270</td> <td></td> <td></td> <td></td> </tr> <tr> <td>(U) Adjustments to Appropriated Value</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="padding-left: 20px;">a. Congressional/General Reductions</td> <td style="text-align: right;">-7</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="padding-left: 20px;">b. Small Business Innovative Research</td> <td style="text-align: right;">-100</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="padding-left: 20px;">c. Omnibus or Other Above Threshold Reprogram</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="padding-left: 20px;">d. Below Threshold Reprogram</td> <td style="text-align: right;">1,500</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="padding-left: 20px;">e. Rescissions</td> <td style="text-align: right;">-23</td> <td></td> <td></td> <td></td> </tr> <tr> <td>(U) Adjustments to Budget Years Since FY 2002 PBR</td> <td></td> <td style="text-align: right;">0</td> <td></td> <td></td> </tr> <tr> <td>(U) Current Budget Submit/FY 2003 PBR</td> <td style="text-align: right;">4,640</td> <td style="text-align: right;">0</td> <td></td> <td style="text-align: right;">TBD</td> </tr> <tr> <td colspan="5" style="padding-top: 10px;"> <p>(U) <u>Significant Program Changes:</u></p> <p style="padding-left: 20px;">None</p> </td> </tr> </tbody> </table>				<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>Total Cost</u>	(U) Previous President's Budget	3,270			TBD	(U) Appropriated Value	3,270				(U) Adjustments to Appropriated Value					a. Congressional/General Reductions	-7				b. Small Business Innovative Research	-100				c. Omnibus or Other Above Threshold Reprogram					d. Below Threshold Reprogram	1,500				e. Rescissions	-23				(U) Adjustments to Budget Years Since FY 2002 PBR		0			(U) Current Budget Submit/FY 2003 PBR	4,640	0		TBD	<p>(U) <u>Significant Program Changes:</u></p> <p style="padding-left: 20px;">None</p>				
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BUDGET ACTIVITY <b>07 - Operational System Development</b>				PE NUMBER AND TITLE <b>1001018F NATO AGS</b>			PROJECT <b>0002</b>	
<b>(U) <u>D. Other Program Funding Summary (\$ in Thousands)</u></b>								
	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>Cost to</u>
	<u>Actual</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Complete</u>
<b>(U) AF RDT&amp;E</b>								
<b>(U) Other APPN</b>								
N/A								
<b>(U) <u>E. Acquisition Strategy</u></b>								
The U.S. and five other NATO nations (Canada, Belgium, Denmark, Norway, and Luxembourg) are participating in a Project Definition effort for a NATO owned and operated ground surveillance capability, based on the U.S. Multi-Platform Radar Technology Insertion Program (MP-RTIP) advanced radar. The Project Definition work is expected to conclude in 2002, and is expected to produce documentation to be presented to NATO nations necessary for a decision on whether to proceed with acquisition of an airborne ground surveillance system based on this effort. This documentation will include an acquisition strategy for the NATAR project reflected in the recommended Request For Proposal.								
<b>(U) <u>F. Schedule Profile</u></b>								
	<u>FY 2001</u>			<u>FY 2002</u>			<u>FY 2003</u>	
	1	2	3	4	1	2	3	4
<b>(U) International Agreement (MOU) Signed</b>								
*								
<b>(U) Program Charter Prepared</b>								
X								
<b>(U) Request for Proposal (RFP) Prepared</b>								
X								
* - Denotes Completed Event X- Denotes Planned Event								

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RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)							DATE February 2002			
BUDGET ACTIVITY					PE NUMBER AND TITLE				PROJECT	
07 - Operational System Development					1001018F NATO AGS				0002	
(U) <u>A. Project Cost Breakdown (\$ in Thousands)</u>										
					<u>FY 2001</u>		<u>FY 2002</u>		<u>FY 2003</u>	
(U) NATO Studies					0					
(U) Other Government Costs										
(U) Provisional Project Office Support										
(U) Project Definition Office Support and NATO Interoperability studies and efforts					4,640					
(U) Total					4,640					
(U) <u>B. Budget Acquisition History and Planning Information (\$ in Thousands)</u>										
(U) <u>Performing Organizations:</u>										
<u>Contractor or</u>	<u>Contract</u>									
<u>Government</u>	<u>Method/Type</u>	<u>Award or</u>	<u>Performing</u>	<u>Project</u>						
<u>Performing</u>	<u>or Funding</u>	<u>Obligation</u>	<u>Activity</u>	<u>Office</u>	<u>Total Prior</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget to</u>	<u>Total</u>
<u>Activity</u>	<u>Vehicle</u>	<u>Date</u>	<u>EAC</u>	<u>EAC</u>	<u>to FY 2001</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>Complete</u>	<u>Program</u>
<u>Product Development Organizations</u>										
Northrop Grumman	IDIQ	Apr 96	2,376	2,376	2,376					2,376
Rome Labs	Fixed Price	Sep 96	485	485	485					485
Northrop Grumman	IDIQ	Jan 97	3,782	3,782	3,782					3,782
Northrop Grumman	IDIQ	Dec 97	637	637	637					637
Northrop Grumman	IDIQ	May 98	944	944	944					944
Northrop Grumman	IDIQ	Sep 98	1,404	1,404	1,404					1,404
Northrop Grumman	IDIQ	Dec 98	47	47	47					47
Northrop Grumman	IDIQ	May 99	520	520	520					520
Northrop Grumman	IDIQ	Feb 01								
Project Development Office					477	4,640			Continuing	TBD
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BUDGET ACTIVITY				PE NUMBER AND TITLE				PROJECT			
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(U) <u>Performing Organizations Continued:</u>											
<u>Support and Management Organizations</u>											
ESC (Provisional Project Office)				24				0		24	
MITRE		Cost Plus	Oct 94/	3,075				0		3,075	
		Award Fee	Jun 96								
TEMS		IDIQ	Mar - May 96	2,592				0		2,592	
Miscellaneous		Various Contracts		900				0		900	
<u>Test and Evaluation Organizations</u>											
(U) <u>Government Furnished Property:</u>											
<u>Contract</u>											
<u>Item</u>		<u>Method/Type</u>	<u>Award or</u>								
<u>Description</u>		<u>or Funding</u>	<u>Obligation</u>	<u>Delivery</u>	<u>Total Prior</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget to</u>	<u>Total</u>	
		<u>Vehicle</u>	<u>Date</u>	<u>Date</u>	<u>to FY 2001</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>Complete</u>	<u>Program</u>	
<u>Product Development Property</u>											
<u>Support and Management Property</u>											
<u>Test and Evaluation Property</u>											
<u>Subtotals</u>				<u>Total Prior</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget to</u>	<u>Total</u>		
				<u>to FY 2001</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>Complete</u>	<u>Program</u>		
Subtotal Product Development				10,672	4,640			TBD		TBD	
Subtotal Support and Management				6,591				0		6,591	
Subtotal Test and Evaluation											
Total Project				17,263	4,640			TBD		TBD	
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